BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Improvements to Drains and Covering Slab at Fish Stall to Aproova Appartment in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.**

							Estimate Cost:		3000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 : Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 138 / Item No. 19.1 / PWD SR 2014-15**	Cum							
	For New Drain		2	50.00	1.00	0.90	90.00		
			2	50.00	1.00	0.90	90.00		
			1	138.00	1.00	0.90	124.20		
	Desilting of Existing Drain		1	255.00	0.60	0.50	76.50		
							380.70	75.60	**28781.00**
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	**75.60**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2014-15**	Cum							
			2	50.00	1.00	0.15	15.00		
			2	50.00	1.00	0.15	15.00		
			1	138.00	1.00	0.15	20.70		
			1	45.00	0.60	0.15	4.05		
							54.75	4847.04	**265375.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15 / Item No. 4.31/ PWD SR 2014-15**	Sqm							
	Side Walls		8	50.00		0.60	240.00		
			8	50.00		0.60	240.00		
			4	138.00		0.60	331.20		
	Covering Slab		2	50.00	0.60		60.00		
			2	50.00	0.60		60.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	138.00	0.60		82.80		
			1	255.00	0.60		153.00		
	Covering Slab Sides		2	50.00		0.10	10.00		
			2	50.00		0.10	10.00		
			2	138.00		0.10	27.60		
			1	255.00		0.10	25.50		
							1240.10	292.68	**362952.00**
	Basic Rate	271.00							
	Area Weightage @ 8%	21.68							
	Total	**292.68**							
4	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 13/ Item No. 4.11/ PWD SR 2014-15**	Cum								
	Main Road Bottom		2	50.00	1.00	0.15	15.00		
			2	50.00	1.00	0.15	15.00		
			1	138.00	1.00	0.15	20.70		
	Existing Drain Bottom		1	60.00	0.60	0.10	3.60		
	Side Walls		4	50.00	0.15	0.60	18.00		
			4	50.00	0.15	0.60	18.00		
			2	138.00	0.15	0.60	24.84		
	Existing Drain Rapair Side Wall		2	255.00	0.15	0.20	15.30		
	Covering Slab		2	50.00	0.90	0.10	9.00		
			2	50.00	0.90	0.10	9.00		
			1	138.00	0.90	0.10	12.42		
			1	255.00	0.90	0.10	22.95		
							183.81	6065.28	**1114859.00**
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	**6065.28**							
5	KSRB 4.9.1: **Providing mild steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 **Page No. 17 / Item No. 4.45 / PWD SR 2014-15**	Qtl								
	Consider 60 Kg/Cum		0.60	183.81			**110.29**	7975.80	**879619.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	7385.00							
	Area Weightage 8%	590.80							
	Total	**7975.80**							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km	Cum					361.67		266080
			Vide Item No. 1				**360.24**	73.57	**26503.00**
	Average weight of earth 1.28 tonne / kg for 2.00X1.28X2.00 = 5.12	5.12							
	PWD SR 2014-15 (P.130 / I.17.1) For loading and unloading	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
7	Sub Total						267894.00		**2678100.00**
8	KRIDL Charges @ 11%						294601.00		**294591.00**
9	Third Party Inspection Charges @ 1%						26782.00		**26781.00**
10	Miscellaneous and other Charges	L/S						423.00	**528.00**
								Total	**3000000.00**
	(Rs. Thirty Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

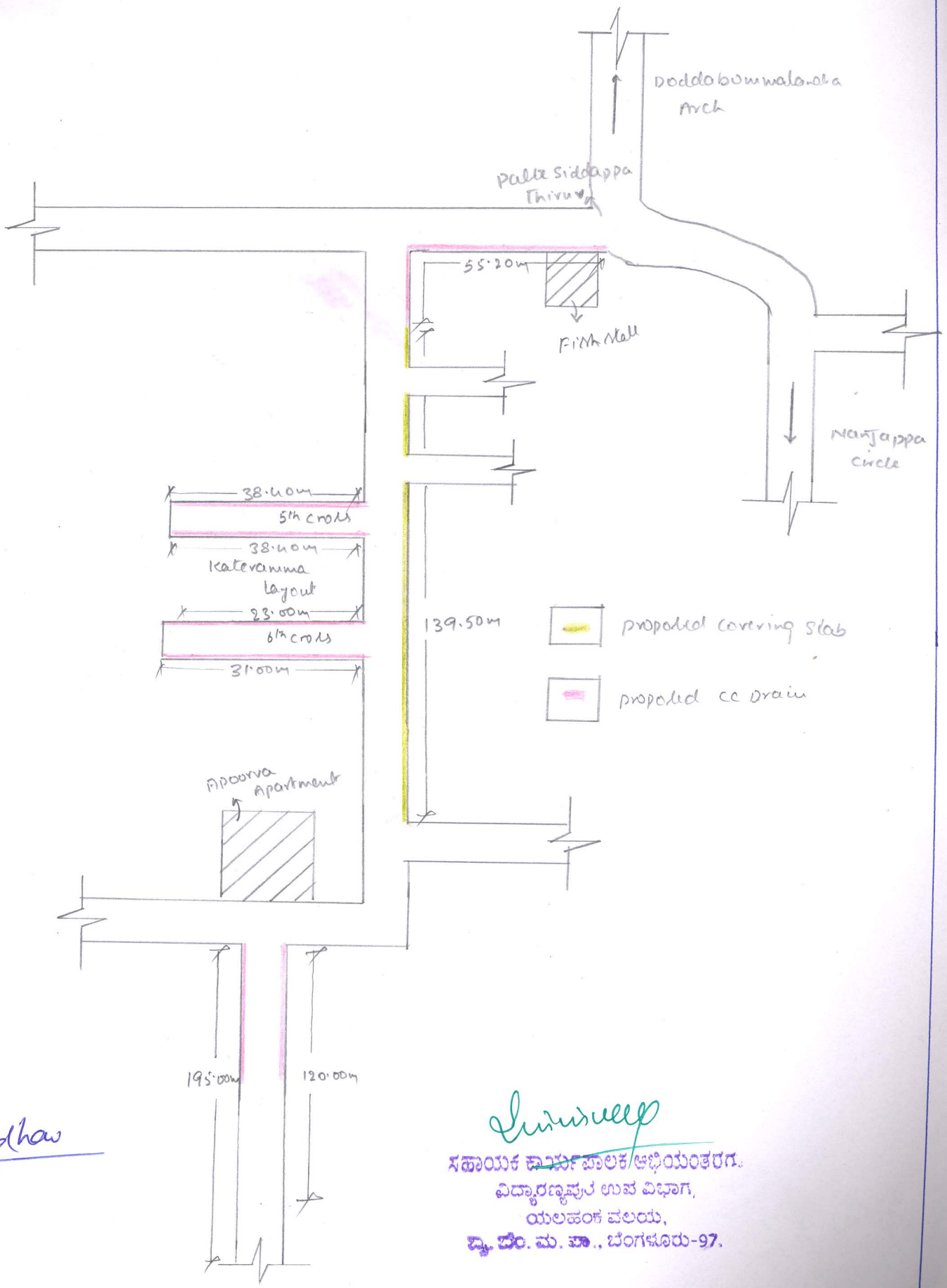
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For 30.00 lakh Rs
Head of A/C P1878
CER NO : 220 Dt: 23.03.15

23/3/15
TA CE (YNK)

Technical Sanction for Rs. 30.00 L
Thirty lakhs only
P-1878
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Subject
No: 49 23/03/15
23/03
AEE
EE (BTP.Div.)

Name of Work: Improvements to Drains and Covering Slab at Fish Stall to Aproova Appartment in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.



Zadhav
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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.